

WHAT IS CLAIMED IS:

1. A heat dissipation apparatus, comprising:
an enclosure, including a fan seat laterally disposed in an interior space of
the enclosure to divide the interior space into an upper chamber and a lower
5 chamber;
a shaft, extending through a center of the fan seat across the upper and
lower chambers; and
two sets of fans, installed in the upper and lower chambers about the shaft,
respectively, wherein each of the set of fans includes a set of blades extending
10 radially about the shaft, a set of coil between the blades and the shaft, and a
magnetic device between the blades and the coil.
2. The apparatus of Claim 1, wherein the fan seat includes at least one
guiding fan.
3. The apparatus of Claim 2, wherein the fan seat includes a
15 substantially circular dish and the guiding blades extending from a periphery of
the circular dish.
4. The apparatus of Claim 1, wherein the fan seat includes at least two
guiding blades.
5. The apparatus of Claim 1, wherein each of the sets of fans
20 comprises a hub, a bushing encircled by the hub, a plurality of blades extending
radially from a periphery of the hub, and a plurality of ball bearings and a C-
ring to secure the set of fan to the shaft.